



APPROVED

Meeting Minutes

Date: Wednesday, July 20th, 2022

Time: 4:30 p.m.

Location: 2800 Ward Ave, La Crosse, WI 54601

OFFICIALS PRESENT: Commissioners: Kurt Knutson, Tim Ehler, Robert Lynn, Town Administrator Christina Peterson, Public Works Foreman Terry Wright, Water Operator Dan Odeen, Thomas Madden, SEH, Torey Leonard, SEH, Bernie Lenz, CBS Squared, Town Treasurer Sara Jarr

ATTENDANCE LIST: n/a

1. Call to Order at 4:27 p.m. by Chairperson Kurt Knutson.
2. Minutes from 06/23/2022
Motion by Knutson, second by Ehler to approve meeting minutes from 06/23/2022.
Motion carried unanimously.
3. Review and Approve Bills Payable
Motion by Ehler, second by Knutson to approve \$10,918.58 (corrected from \$11,478.58, removed Bill's Pumping invoice #25074) in open invoices and \$1,552.91 in paid invoices. Motion carried unanimously.
4. Citizens' Concerns
None.
5. Old Business

a. Arbor Hills Well #2

Review of the last meeting which discussed the intermittent iron issues with Well #2 in the Arbor Hills pressure zone. As directed by the Sanitary District on 06/23/2022, Tom Madden (SEH) reviewed the most recent well projects and the 2018 SEH Water System Evaluation in depth. His review resulted in several alternatives for consideration to improve the water quality. The options he presented were based on the understanding that the iron levels in the water decrease significantly once the pump has run for a few minutes. If conditions were to change in the long term, all alternatives presented would require additional treatment such as filtration.

The three alternatives presented to make Well #2 run longer and control wastewater include:

1. Arbor Hills Water Tower. A water tower would allow Well #2 to run significantly less frequently for a much greater frequency time. This would make for reasonable operation as the well would first flush to waste for several minutes then continue to operate for a substantial amount of time to fill the tower. The estimated cost for this option would be \$1.45M.
2. Ground Storage Tank and Booster Station at Well #2. The installation of a ground storage tank and booster pump system similar to Well #1. This arrangement would allow for the well to start and stop less frequently and run for longer periods of time, again allowing for the well to first pump to waste for several minutes prior to water entering the tank and distribution system. The estimated cost would be \$600,000-\$750,000.



3. Pressure Relief Valve located at Arbor Hills Well #1. For this alternative, the on/off control would be controlled by the level of the water in the existing tank at Well #1. When the tank calls for water, Well #2 would start to flush water to waste for enough time to clear the iron and then pump to the system. A pressure relief valve located at Well #1 and set at a point slightly higher than normal would divert extra water to the storage tank until full. The current control system would need to be modified, minor Well #1 piping changes made, and a pressure relief valve installed for this system operation. This alternative is estimated to be approximately \$200,000 to \$300,000.

Peterson pointed out that the key to any solution is the pump to waste factor – where to send it, how to send it and the cost. Madden commented that the wastewater would need to be disposed of either through discharge into a sanitary sewer system or overland with an individual discharge permit.

Ehler asked how a water tower would tie into the system down the road. Discussion on connecting existing systems together and/or using a tower to feed future connections.

Odeen questioned if alternative #2 could have a different settling method (separate storage tank) or sill piping. Madden said it could be a possible but likely not the most efficient method, it would have to be studied.

Lynn questioned the elevation required for a storage tank. Wright explained that the DNR requires that a stored tank must be a minimum of 2" above the well head.

Peterson questioned if incorporating Well #2 into the storage at Well #1 removes the redundancy that has been required by the WI-DNR. She also asked Madden if after his review would he recommend removing the sediment at the bottom of the well. She also requested from Leonard to check work logs to ensure that the proper amount of grout had been used and the actual amount of space left from over drill. Wright explained that the Vista Well is scheduled for rehab and that Well #2 could be

Motion by Ehler, second by Lynn to approve up to \$5,000.00 to existing Municipal Well Quote to rehab Vista Well to remove debris and inspect grout in Well #2. Motion carried unanimously.

6. New Business

a. CBS Squared – Sanitary Sewer Study

Lenz submitted copies of the Master Agreement (set as time & materials) approved by the Town Board on 7/12/2022 and an addendum to work with the Sanitary District Specifically (see attached). He also provided a Study Scope (2 Phases) and a 2022 employee rate table (also see attached).

TOWN OF SHELBY
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Wright and Lenz had a discussion on current flows especially 10" pipe always being 90% full. They also discussed incorporating the current data being collected by the Sanitary District's meters.

Motion by Ehler, second by Knutson to approve sewer capacity study and addendum agreement. Motion carried unanimously.

- b. Water/Wastewater Operator License Renewal – Dan Odeen and Eric Kvamme
No motion needed.

7. Reports

- a. Administrator
No report.
- b. Public Works
 1. Review flow summary reports. Flow Meter was located at Pammel Creek (PC 1) and is now at Greenbriar. 4th meter has now been installed.
 2. Remaining 100 manhole cover pans have been delivered and are being set up.
 3. St. Joes' construction has been contracted to replace 4" pipe at Arbor Hills lift station.
- c. Commissioners
 1. Reviewed SSD complaints/concerns complied by Town Hall and Water Operator.
 2. Discussion with Lenz on how to best prepare for sewer study.

8. Adjournment

Motion by Knutson to adjourn at 6:22 PM, second by Ehler. Motion carried unanimously.

Respectfully Submitted,
Sara Jarr, Town of Shelby Treasurer

Next Meeting Thursday, August 18th, 2022 (tentative) at 4:30 p.m.